

# 700 STUDENTS IN RIOTS

## Measures Gamma-Rays

### Clark, Kraushaar Satellite Aloft

By Jeff Travers '64

A gamma ray telescope designed and built by two MIT professors went into orbit April 27. Dr. George W. Clark and Dr. William L. Kraushaar, both associate professors of physics, conceived and constructed the unique space probe. Designated S-15, the satellite was fired from the missile base at Cape Canaveral, Florida, by the National Aeronautics and Space Administration. Both scientists were present at the launching. According to Dr. Kraushaar, "The satellite is performing very well. Data is as good as we could hope for."

## Undeclared Tech Crew Beats Yale Varsity; Harvard Edges Lights

By Sandy Wagner '61

Rapidly emerging as a strong power in national rowing circles, the MIT crews added to the esteem placed on them by outstanding performances against Yale on the Housatonic River in Connecticut and against Harvard and Dartmouth here on the Charles.

In Saturday's races the Tech varsity heavies swept past Yale in a dual race at New Haven by the convincing margin of 2½ lengths, and in Cambridge the lightweight varsity came within five feet of upsetting the Harvard eight, while leaving Dartmouth far in the rear.

In other races on the Yale waters, the Eli freshman and junior varsity crews came home ahead of the Beaver contingent in two close contests in which the winning margins were just a half length and a length, respectively.

### Two Lightweight Wins

On the Charles, MIT picked up victories in two preliminary races as the second freshmen and third varsity shells won their races for the second week in a row. Tech's only undeclared lightweight eights easily overcame Harvard and Dartmouth. In later races the freshman crew of Gary Zwart lost

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A Juno II rocket boosted the 82 pound payload into orbit. The slim, cylindrical S-15 tumbles end over end as it travels through space. Estimates on the lifetime of the satellite vary widely, but it will be in orbit several years at least. According to a description of S-15 prepared by the NASA, a lifetime of one year will be sufficient to accomplish the objectives of Kraushaar and Clark's experiment.

According to Dr. Kraushaar, the telescope will measure the spatial distribution of gamma rays, from which it is possible to deduce the distribution of matter and cosmic rays in space. Our galaxy is a disc 100,000 light-years in thickness, containing gas molecules and dust particles as well as large bodies such as stars and planets. Collision of cosmic rays with gas or dust particles produces unstable neutral pi-mesons. These decay rapidly, forming pairs of gamma rays. Unlike cosmic rays, gamma rays travel in straight lines, unaffected by magnetic fields. High frequency gamma radiation is picked up by the Kraushaar-Clark probe.

Basically the device is a sandwich of crystal layers which scintillate under stimulation by charged particles. The instrument contains a detector which converts gamma rays to electron pairs. These cause the crystals to scintillate, registering on a photomultiplier. The

(Please turn to page 2)



Demonstrators, carrying an American flag and an effigy of Cuban Premier Fidel Castro, march past the Baker House Monday night.

## Riots From Harvard To Kenmore Square Spanned Six Hours

Monday night several hundred students from MIT and Boston University congregated along Bay State Road in a May Day riot ostensibly directed against Fidel Castro. The incident was followed by a disjointed series of disturbances in Cambridge, including a march on Harvard Square. Metropolitan police halted the Boston riot, taking approximately 30 MIT students, including two freshmen coeds, into custody. None were booked, however.

The incident began at 7:30 p.m. when a relatively small group of 50 or 60 met in front of Beta Theta Pi fraternity at 119 Bay State Road. An effigy of Castro, clad in an ROTC uniform and impaled on a bayonet, hung from the Beta flagpole. The milling crowd chanted "Yanqui Si, Castro No."

At approximately 8 p.m. police arrived. A vast increase in the size of the crowd ensued as curious students poured out of adjacent Boston University dormitories. BU coeds sang "America, America"; firecrackers and water were thrown.

MIT's Student House became the focus of police action when several men were spotted on the roof. Joseph Wright '61, president of Student House, was forcibly arrested. In Wright's own words: "I came down to the entry way and approached them (the police) in my capacity as president. I asked to talk to them." Wright was punched in the stomach with sufficient force to "knock the wind out of him" and was carried to the street. Three paddy wagons hauled off the first wave of rioters, including Wright.

Sometime after 8:00, a large bale of hay was placed at the corner of Deerfield St. and Bay State Rd. The bale was ignited, presumably by BU students, around 8:30. As a result, two complete fire companies arrived to extinguish the small blaze. Six engines, including two hook-and-ladders, lined the street. The MDC returned in force with at least four "black marias" and a fleet of cars. By this time there was little activity on the part of the rioters. MIT students had for the most part discreetly withdrawn at the encouragement of Dean of Residence Frederick G. Fassett. Several more rioters were taken into custody, however.

(Please turn to page 2)

## Former CEEB Chairman

### Thresher Retires After 25 Years

MIT's Director of Admission, Prof. B. Alden Thresher, will retire from his present position as of June 30, 1961, at the age of 65.

To date, no announcement has been officially made by the Administration as to who Thresher's successor will be.

Thresher was born in Dayton, Ohio in 1896. He was educated at the Hotchkiss School, MIT (S. B., 1920), and Harvard (A. M., 1928).

Coming to MIT in 1929 as an instructor in economics, he was appointed assistant professor in 1932 and associate professor in 1935. The following year he was appointed director of admissions at the Institute, a post he has held for 26 years. In addition,

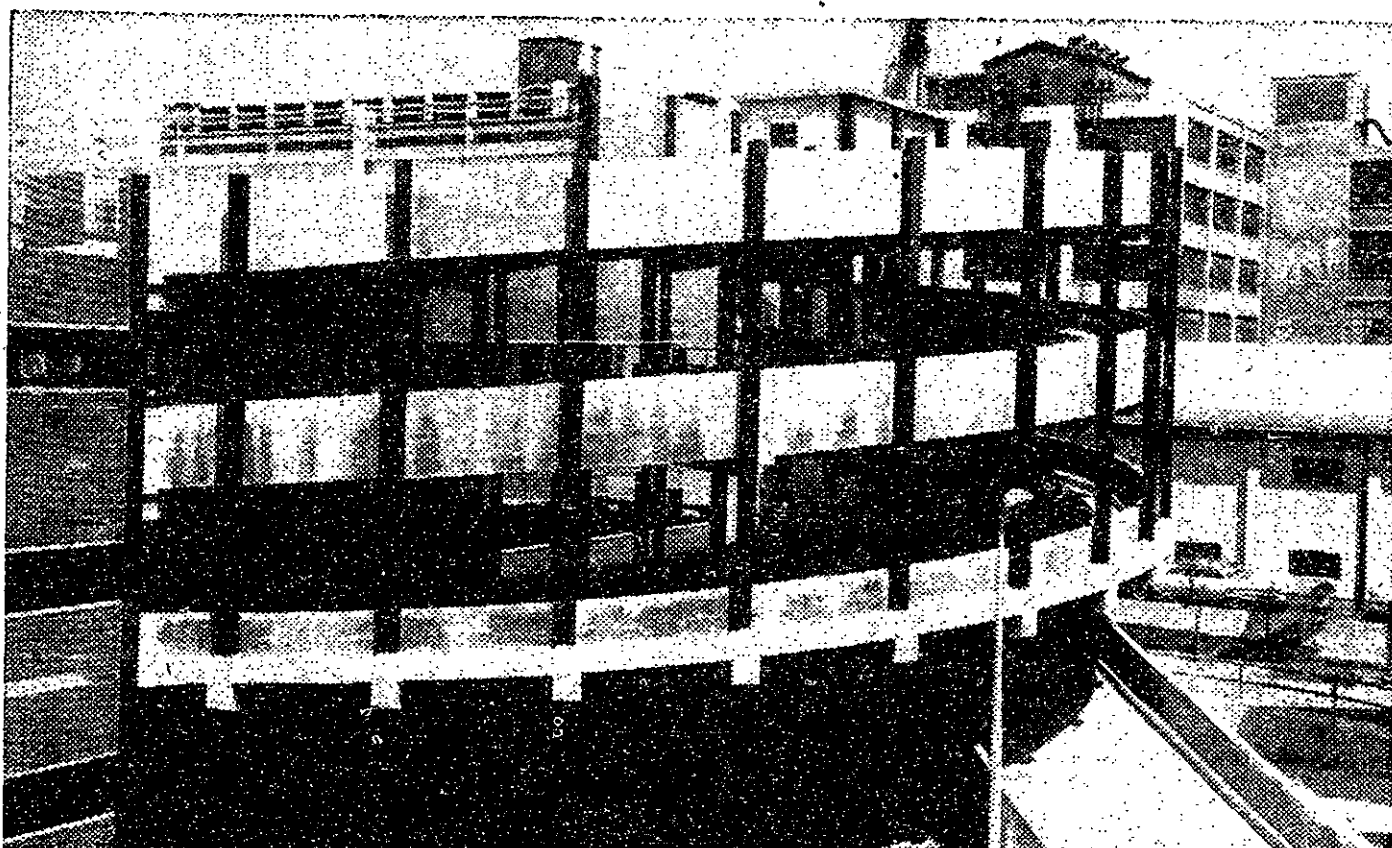
he was named professor of economics in 1945.

During World War II, Thresher served as a Special Consultant in the Office of Field Service, where he aided in procurement of scientific and technical specialists for the armed forces. He received a certificate of appreciation for this service.

He was Chairman of the College Entrance Examination Board for the years 1958-1960, and has served on many of its committees and its Board of Trustees in past years.

Professor Thresher is married to the former Irene Kattwinkel, who is presently a State Senator in the Massachusetts Legislature.

## Monday Marks Opening Of New Parking Building



Pictured above is the nearly completed ramp of MIT's new parking garage, due to open next Monday

Next Monday morning the gate will open on the new parking building in East Campus. The five story structure will accommodate about 400 cars, but an East Campus parking lot sticker will be required for admittance.

The circular ramp at one end of the building will permit users to enter and leave with a minimum of conflict, while 8½ foot parking slots will provide ample room to maneuver. The facilities of the basement and the traffic flow pattern will be temporary until the Parking Committee determines public reaction to the present system.

Soon after the building is put into operation, a counting apparatus is to be installed at the entrance. The purpose is to keep track of the building's occupancy.

The parking space in the new building will compensate for space which will be lost when the Earth Sciences Building is constructed.

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## Gamma-Ray Satellite Orbits Earth

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photomultiplier impulse is re-fined and amplified; the signal is simultaneously recorded and transmitted to earth. The tape recorder periodically relays to earth a two minute playback of all data recorded in one com-

plete orbit. In case of recorder failure, approximately 30 per cent of all data is transmitted directly. Data is processed at the Goddard Flight Center at Greenbelt, Md. There it is placed on magnetic tape, micro-filmed, and forwarded to MIT for analysis.

Although the telescope is entirely the brainchild of Clark and Kraushaar, who proposed the project to the NASA, Dr. Kraushaar stated that the pair made use of all the facilities of MIT's Nuclear Engineering Laboratory in construction of the device. Every attempt was made to utilize lightweight, reliable equipment. Supporting instrumentation was built by the Marshall Space Flight Center, Huntsville, Ala.

The satellite will be tracked throughout its orbital lifetime by the worldwide Minitrack system.

## Bennett Cerf Scheduled For Kresge Tonight

Bennett Cerf will be featured tonight in a Lecture Series Committee program scheduled for 8 p.m. in Kresge Auditorium. LSC expects a nearly full house for the popular publisher, humorist, columnist and TV personality. Although the free tickets which LSC distributed Tuesday morning will be the only means of admission until 7:50 p.m., all seats not taken by that time will be made available to the public.

Mr. Cerf, author of "Shake Well Before Using," "Good For A Laugh" and "Try and Stop Me," spoke here to a full house in October 1956. At that time he discussed the influence of modern entertainment media on literature. He is a graduate of Columbia University (1920) with a degree in journalism. While at Columbia, Cerf was editor of the campus humor magazine, *The Jester*.

## Dean's Statement

The general authority and responsibility of police officers in the Commonwealth of Massachusetts are stated in the General Laws as follows:

Chapter 41, Section 98. The Chief and other police officers of all cities and towns shall have all the powers and duties of constable except serving and executing civil process. They shall suppress and prevent all disturbances and disorder. They may carry within the Commonwealth such weapons as the mayor or selectmen, the city or town manager shall determine. During the night time they may examine all persons abroad whom they have reason to suspect of unlawful design, and may demand of them their business abroad and whither they are going; may disperse any assembly of three or more persons, and may enter any building to suppress a riot or breach of peace therein. Persons so suspected who do not give a satisfactory account of themselves, persons so assembled and who do not disperse when ordered, and persons making, aiding and abetting in a riot or disturbance may be arrested by the police, and may thereafter be safely kept by imprisonment or otherwise unless released in the manner provided by law and taken before a district court to be examined and prosecuted.

MIT students cannot by the fact of being students be ex-

## Arrests And Rough Treatment Mar Riot At Kenmore Square

(Continued from Page 1)

The Boston incident ended around 10:00.

Across the Charles, MIT's dormitory residents instigated a riot of their own. About 500 shouting, chanting Techmen massed at East Campus. Led by a student brandishing a large United States flag, they marched along Memorial Drive toward West Campus. The throng detoured and regrouped in front of Bldg. 7, at 77 Massachusetts Ave. An effigy of Castro was burned around 11:30.

A 200 man contingent from the main force marched on Harvard Sq. where they were met by the Cambridge police. However, Harvard students, somewhat constrained as a result of their own recent riots, failed to participate in the Tech demonstration. MIT men returned to Tech by sundry means: 50 of them rushed an MTA station and jumped the turnstile; others walked or took cabs. Absolutely no damage to property resulted.


empt from this section. Mere presence at a demonstration such as occurred on Monday night is legally prima facie evidence of participation. Presence not only makes you liable under the above section but also makes you liable to disciplinary action by the Institute.

John T. Rule,  
Dean of Students

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**L&M UNLOCKS CAMPUS OPINION**

#4 in a series of polls conducted by L&M student representatives in over 100 colleges throughout the nation.



**Light up an L&M, and answer these questions.** Then compare your answers with those of 1,383 other college students (at bottom of page).

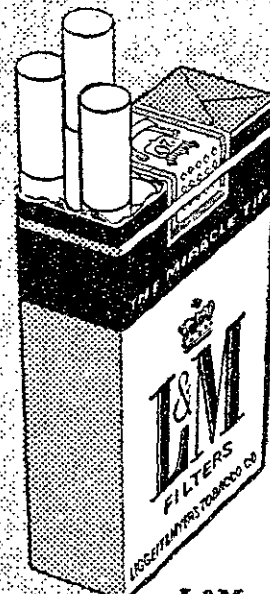
**Question #1:** In your opinion, who is the greatest living American?  
**Answer:** \_\_\_\_\_

**Question #2:** Should the college curriculum, taking note of the growing importance of science, require more science courses for non-science majors than at present?  
**Answer:** Yes \_\_\_\_\_ No \_\_\_\_\_

**Question #3:** When you kiss your date, do you close your eyes?  
**Answer:** Close my eyes \_\_\_\_\_ Don't close my eyes \_\_\_\_\_  
Can't remember \_\_\_\_\_

**Question #4:** In your opinion, which of the following types of filters gives the best connotation of purity? (CHECK ONE)  
**Answer:** A filter which is white inside and is wrapped in colored paper \_\_\_\_\_  
A filter which is dyed a color and is wrapped in white paper \_\_\_\_\_  
A filter which is white inside and out \_\_\_\_\_

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**L&M Campus Opinion Answers:**

**Answer, Question #1:** Six highest scoring individuals: 1. Kennedy—2. Eisenhower—3. Stevenson—4. Schweitzer—5. Frost—6. Sandburg  
(This question was asked February 1961. Note: Dr. Schweitzer is not an American.)

**Answer, Question #2:** Yes 30%—No 70%

**Answer, Question #3:** Close my eyes 76%  
Don't close my eyes 11%  
Can't remember 13%

**Answer, Question #4:** A filter which is white inside and is wrapped in colored paper 21%  
A filter which is dyed a color and is wrapped in white paper 5%  
A filter which is white inside and out 74%

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**The L&M Campus Opinion Poll** was taken at over 100 colleges where L&M has student representatives, and may not be a statistically random selection of all undergraduate schools.

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# Senior House Holds Shakespearean Orgy



Laurie and Carrie Stratton join the Elizabethan revelry as fairies of the forest in reading of Shakespearean play.



King Peter Wells and an unidentified Queen in play reading.



Ken Kotovsky '61 and Edmund participate in Shakespearean Orgy as moon, man in moon, briar bush, and dog. Play reading was sponsored by ECSC and Senior House.

**ALL INDIVIDUALS** who have material stored in the East Campus cages should leave a note in East Campus Box 293 so that arrangements can be made for claiming your items. All material not claimed will be auctioned off in approximately two weeks. The East Campus House Committee.

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## Tau Beta Pi Seminar To Discuss MIT Plant

Tau Beta Pi, national engineering society, will present a Centennial Seminar entitled "MIT—Its Physical Past, Present, and Future" today at 5:00 P.M. in Kresge Little Theater.

The panel will be composed of Dean Pietro Belluschi, MIT Department of Architecture; Robert Simha, MIT Planning Officer; and Prof. Hideo Sasaki, Harvard Graduate School of Design and MIT Landscape Consultant. There will be opportunity for the audience to question, suggest, and criticize in any way they wish, concerning the Institute's physical plant.

The free seminar will be open to the general public.

## Tickets Now Available For Freshman Picnic

This Sunday, May 7, the Class of 1964 will hold a picnic at Blue Hills Park near Milton, Mass.

Tickets will be available all week in the lobby of Building 10 for \$2.29 per couple. Buses will leave from the West Campus parking lot at 11:30 sharp, and will return about 5:00. Food and drinks will be available at the park for those who do not care to bring their own. In addition, there will be sports equipment, a playground, and horseback riding (for an additional fee). Plans also include a folk singer, and swimming facilities for the more hardy of the group in attendance.

Money will be refunded in the event of inclement weather.

## Secretariat Sponsors Smoker For Freshmen

Those members of the class of 1964 who are interested in joining the Secretariat of the Institute Committee are invited to attend the smoker on Monday, May 8 at 5 p.m. in Litchfield Lounge.

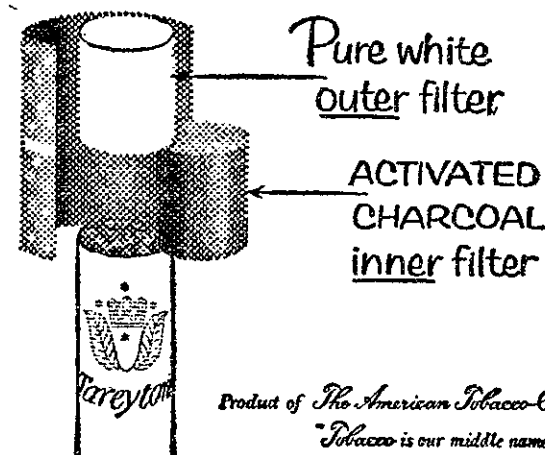
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# The Tech

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Deadlines: Advertising—Noon Thursday. Entertainment, Features, Letters to the Editor, Photography, Sports—Noon Sunday, News—7 p.m. Monday.

Makeup: Editorial, Entertainment, Sports—1 to 4 p.m. Sunday, News—7 to 11 p.m. Monday.

Office Hours: Mon. 1-3, 7-11; Tue. 10-12, 1-3; Wed. 1-3; Thurs. 11-12; Fri. 1-3; Sun. 1-4

Unsigned editorials appearing in THE TECH constitute the opinion of the newspaper's Board of Directors, and not that of MIT. The newspaper welcomes letters from its readers. Space permitting, such letters will be printed in whole or in part, if deemed by the editor to be of sufficient interest or benefit to the community. Brevity increases the chance of publication. Anonymous letters will not be printed. Names will be withheld upon request.

## The Libraries

The Hayden Library Building is now eight years old. Whatever the merits of the original plans for the building, it is now readily apparent that the facilities as they exist are not sufficient to handle the tremendous demands upon the library. The Science Library is extremely over-crowded, offering little working space, and even less peace and quiet. The traffic that passes in and out of this portion of the library each hour is enormous. The combination of crowding, poor lighting, and the attendant noise that comes from merely having people around, make the Hayden Library a considerably less useful place than was originally intended.

Not only is the library at its limit of human capacity, but it has nearly run out of book space as well. When the few remaining empty shelves are filled, in the very near future, the expansion space of the library will be gone. Whether it was shortsightedness or an unforeseeable upswing in library usage that has caused the Hayden Library to be extremely over-crowded eight years after construction is not very important. What is important is that something be done to improve this very vital part of the MIT educational system.

The original plans for the library included a glass partition blocking off the main entrance and checkout desk from the science library proper. This would cut down on the traffic noises to some extent, and certainly cut off the usual noises that emanate from the checkout desk. Installation of such a partition would not involve an exorbitant expense and would certainly improve the situation. The original plans also included fluorescent lighting in the library, but this was cut out in the interests of economy when the project ran out of money. It has been estimated that it would cost \$2700 to install fluorescent lights in the Science Library; this is an insignificant sum when compared to the benefits of the reading level illumination that would be gained.

Further short term expedients are in the offing. There is hope that high speed self-service elevators will be installed in Building Ten to make the Engineering Library more accessible. The Dewey Library will probably be greatly expanded, and the psychology and political science sections moved to there from the Humanities Library in the Hayden Building. The New Earth Sciences Building will have its own library, thus funneling off from the science library people who would ordinarily use the Earth Science collection.

These are all short term expedients, and they will certainly not eliminate the fundamental problem of what is to be done to improve and increase the size of the library. There is apparently no long range plan in the works as to the role the library at MIT will occupy in the educational program, and as to the actual physical implementation of the program. The construction of the Hayden Library did not eliminate the problem of the libraries for all time; on the contrary, it may have made the problem more acute, as people have come more and more to rely upon the library.

The short-run plans as outlined above have the very definite effect of creating a de-centralized system of libraries here. We are not in a position to say if this is desirable or not, but certainly no steps in that direction should be undertaken without a thorough study of the consequences. Prof. William Locke, the Director of Libraries, speaks of some kind of nebulous merged science and engineering library. As the graduate school expands, and it is expand-

ing, the necessity of a concrete plan for a new library system is going to become critical. We urge a hard look at the library system as it now stands at MIT, and for some definite plans to be drawn up concerning the future.

## Religious Groups

Discussion has been going on recently about a proposed application from the Tech Catholic Club to become a Class A activity on campus. There has not been any formal application from the TCC, but the proposal raises the whole question of the position of religious groups on campus. MIT, unlike many other universities in this country, does not have its roots in a religious group. There has never been any religious doctrine taught here, and there has certainly never been any such thing as compulsory chapel. Until a few years ago, there was not even a building that could be called a chapel.

It has been the policy of MIT in the past few years to encourage the existence of organizations providing religious guidance and services to those who wish it. For this reason, MIT does have a chapel, and does provide office for the ministers of the various faiths on campus, a Rabbi, a Priest, and several Protestant ministers. As part of the religious activity, there exists at present the Hillel Organization, the United Christian Fellowship, the Vedanta Society, the Catholic Club and several more.

Certain of these groups have very large memberships and are very active both in religious work and socially. They have become, in a quite complete sense, "activities," occupying as much time and effort as their members care to contribute. The question arises, however, as to whether they are essentially "extracurricular" activities open to all who wish to participate. A religious group is for many people a necessity of life, not something that can be dispensed with as can an activity such as intercollegiate athletics or dramashop, or any of the other campus groups. The question of restrictive membership is a very difficult and tricky one. Membership in the Tech Catholic Club is open to anyone who so desires to join. The group is, however, an ideological one, and membership indicates adoption of the beliefs of the group. One can be a full-fledged member of Dramashop and disagree with the current philosophy of play direction; one cannot be a part of any of the religious groups and at the same time be a strong dissenter.

The parallel between separation of church and state, and separation of student government and religious groups is not a distant one. There is no reason why religious groups should be represented as activities on the Activities Council. In so far as is humanly possible, the religious groups should operate independently, much as the church system in this country operates independently of any government. The Catholic Club speaks of the need for communication with the other religious groups, and with the student body. The evangelical nature of religious groups should not be supported by the structure of the student government on campus. Furthermore, since Class A activities vote on the admissibility of other groups on campus as activities, we do not think it proper that a group such as the TCC should be able to determine the structure of another, entirely different, religious organization. In the future, the religious groups should be moved further from the structure of the Activities Council, not closer.

## WTBS

Radio station WTBS has been on the air now for several weeks. Most of the bugs are out of the system, as far as a casual listener can tell, and besides a few annoying lapses such as having the announcer's voice much louder than the music, the technical achievement of the station has been quite good. What concerns us here is the quality of the material that WTBS is putting on the air.

There is so much junk on the airways, especially on the AM band, that the FM band has been a sort of haven for people trying to find decent music and the more illuminating radio programs. WTBS does broadcast, admittedly, a fair number of hours of classical music. They also broadcast, unfortunately, many hours of light, syrupy, mood music, and a good deal of rock and roll. There is more than enough of this kind of thing on the AM band, and the commercial stations have enough on the FM band. WTBS is an educational radio station, essentially the voice of MIT; we think that MIT deserves better on the air. Certainly the listening public deserves better.

## Letters:

To the Editor:

The March 29, 1961 issue of *The Tech* carried an article which purposed to report on the mission, success, and content of the film "Operation Abolition".

I would like it very much if the Tech community were made aware of several things. If it appears that I, in turn, present certain points in the letter too briefly, as I feel *The Tech* did in its "movie review", this is without doubt due to the space limitations imposed by *The Tech*.

The MIT Young Republican Club presented the film without the idea that it furthered their views, but rather as a public service. My information is that LSC planned to show the film without a speaker, later in the term. They were unable to co-operate in providing the film to the Tech community with a speaker, however, because the opportunity presented itself less than one week before the showing.

My complaint about the so called movie review is that it contains such political opinions as an estimate of the relative value of the damage caused by the student riots of San Francisco vs. the impact of the film on the public. I feel that not only cannot the political rather than artistic concern of the article be denied, but also, it must be admitted, for reasons I haven't room to discuss, that the tone and semantics of the article were heavily weighted against the House Un-American Activities Committee. I assert, indeed, that the intellectual behavior demonstrated could at best barely fall short of being dishonest. It is very sad that your reviewer did not remain more aware of the danger presented by the Communists while he wrote his article. It is even more regrettable that *The Tech* should have seen fit to present news on the editorial page at the expense of an unbiased article elsewhere. In America, newspapers are expected to present the facts to the readers before they add their editorial comments.

Again I point out that the film "Operation Abolition" has the endorsement of neither the MIT Young Republican Club nor me, except that you might want to see it for yourself, if you feel, as I do, that newspapers, and *The Tech* in particular, are poor sources of facts and worse sources of ideas.

George Gladfelter '61  
President, MIT Young Republican Club

Mr. Gladfelter's obviously strong feelings about the Communist issue are interfering with his objectivity. Mr. Hanlon, in his review, stated that he was not attempting to evaluate the "accuracy" of *Operation Abolition*, but "has judged the movie only on its own merits."

Nowhere in the review is there any attempt at evaluating "the damage caused by the student riots." There is certainly no grounds for comparing the damage caused by the riots to the impact of the film. An attempt at comparing two such totally unrelated ideas would be absurd. No such attempt was made.

All the reviewer did was to assay the intention of the film and its accomplishment. Mr. Hanlon concluded that the film was a failure, and an insult to the intelligence of the students who went to see it. Nowhere in the review is there any mention of the HUAC, except as sponsor of a film the reviewer did not like.

If Mr. Gladfelter wishes to conclude from the film that the HUAC is not a responsible group, that is his privilege. The review certainly stated no such thing.

Mr. Gladfelter complains that THE TECH did not carry an unbiased news story about the film. THE TECH did carry the information as to the producer, the narrator, the sponsor, the place and time and showing. We did not feel we were in any position to report on the San Francisco riots, if that is the "news," the writer is referring to.—Ed.

## Kibitzer

By Elwyn R. Berlekamp '62

Today's hand constitutes a bidding problem that few pairs ever manage to solve: how to find slams in 4-4 minor suit fits. The superior duplicate scores gleaned from major suit games and three no trump contracts have led most tournament-inclined bridge partnerships to adopt their bidding strategies so as to arrive at these contracts whenever possible.

Most players holding the North cards would bid 1♠ rather than 2NT. Too much chance of missing that 4-4 major fit, say they, and it is indeed true that this 2NT response virtually prevents the partnership reaching a 4♠ contract, which might well be the best spot.

Most players holding the South cards would not consider bidding a five card minor at the three level over the partner's 2NT response and would instead sign-off at 3NT, which North would make in spite of the unfortunate club situation. His losses would consist of two tricks in each of the black suits, but he would make one spade, three hearts, two diamonds and three clubs to bring in the contract without over-tricks. If today's hand occurred in a duplicate tournament, I'd venture that at least 80% of the tables would play the hand at three no trump and the six diamond contract would go unnoticed even in the post mortems.

But this South chose the aggressive bid of three clubs, and North replied with the aggres-

NORTH			
♠	A 9 6 4		
♥	A 6 4		
♦	K 7 5 2		
♣	K 5		
WEST			
♠	K Q J	♠	10 7 3 2
♥	9 8 5 2	♥	J 10 7 3
♦	J 9	♦	Q 10 8
♣	Q 10 9 7	♣	6 4
SOUTH			
♠	8 5		
♥	K Q		
♦	A 6 4 3		
♣	A J 8 3 2		
Bidding:			
South	West	North	East
1♦	Pass	2NT	Pass
3♣	Pass	4♦	Pass
6♦	Pass	Pass	Pass

sive response of four diamonds, giving the jump raise to show good four card support and a near maximum two no trump bid earlier. South then bid the virtually unbidable slam.

West opened the king of spades to North's ace. The ace and king of diamonds cleaned all but one of the opponents' trumps. The king and queen of hearts were then cashed, followed by a small club to the king. The ace of hearts was then cashed as declarer parted with a losing spade. The ace of clubs followed by a club ruff on the board revealed the expected four-two split in that suit, but the contract was solid anyway. East could take the queen of diamonds at his leisure, but the remainder of the tricks and the contract were the property of the declarer.



## THE TECH

is now publishing classified ads (see page 12). To place your ad:

- 1) Type the ad on a sheet of paper with the word order exactly as you want it to appear in THE TECH.
- 2) Count the total number of letters and spaces in the ad and divide by 33 to obtain the number of newspaper lines your ad will require.
- 3) Place the ad and 20c for each line or fraction thereof in an envelope clearly marked CLASSIFIED AD on the outside. Either bring or mail to THE TECH, MIT Walker Memorial, Cambridge 39, Mass. If the office (second floor) is not open, deposit envelope under door.

Here is a sample of the style in which classified ads will be set:

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3 p.m., ext. 000.

## Colloquium At Yale Prods Thought On World Events

The following article was written for THE TECH by Joseph R. Bloomer '62 and Richard B. Stein '62, MIT students who attended the Challenge Colloquium at Yale University.

"The most important chapters in the Book of Man are revolutions."

With this statement, Jose Figueres, former President of Costa Rica, opened the Challenge Colloquium at Yale University, an organization initiated by a group of Yale students in direct response to the apathy of student bodies toward current world problems. Its purpose is to excite the student into awareness of world problems by calling on leaders throughout the world to speak and lead highly penetrating discussions.

The 1961 colloquium centered on America's role in a revolutionary world. The speakers included Figueres, Chandra Jha of India, and Dr. Hastings Banda of Nyasaland.

### Four Revolutions Important

Figueres characterized man's history as that of four revolutions—the ethical, the political, the technical, and the social. To many the combination of the last three revolutions is inconceivable. To Figueres, however, it is a reality which Latin America is trying to achieve.

To accomplish this end, Latin America needs help, and the United States has too often been indifferent, and very often has been harmful. The policy of supporting the existing dictator has worked against the very democratic principles Americans hold dear.

Figueres makes a strong plea for collective action to develop Western economy and establish a climate in which the Soviet and totalitarian methods will be thwarted. The problem is crucial, for the battle for the university students is already lost, and the Soviet propaganda machine constantly hammers away at the people.

Chandra Jha concerned himself primarily with a justification of India's system for economic development. Again, however, this points up a major concern of the United States.

India's economic development is compared with that of Red China—the democratic versus the totalitarian. Jha thinks that India's growth has paralleled, if not exceeded, that of Red China, but again aid and technical assistance are needed if this is to continue. The United States has contributed much in the way of funds, but so has Russia, and India has adopted a neutralist position.

The centrally developed policies of India's mixed economy remain democratically arrived at, however, and this the United States must help perpetuate.

Dr. Banda also adopted a neutralist position. He represents Nyasaland, a British protectorate in Africa which hopes to emerge as a sovereign African state. Nyasaland illustrates many problems which much of Africa is facing in its struggles between the poles of colonialism and nationalism.

In such struggles the areas can hardly be expected to be either pro-Russian or pro-American. As Dr. Banda says, "A nation or one group of nations is never always right. Likewise, one group of nations is never always wrong."

Thus, America is certainly faced with a challenge in this revolutionary world. The problems are paramount, and there is a great need for understanding and awareness among the students, the future leaders of our country.

To paraphrase Jose Figueres, the 11th hour is here. In fact, it may be 11:59, and without a long, determined struggle, the Western world, its concepts of freedom, and the importance of the individual will become secondary.

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# College World

By Toby Zidle '63

MIT is by no means the only school to announce tuition increases this year. Effective in September 1961, tuition at the University of San Francisco will be \$22.50 per credit unit, instead of the \$300 per semester now being charged. For the average USF student the increase will amount to about \$60 a semester.

Almost coinciding with the USF announcement comes an announcement from the University of Wisconsin concerning tuitions. The Wisconsin approach, however, is a bit different.

Wisconsin's Board of Regents is in favor of eliminating tuition. The only charges would be library, health and laboratory fees.

A second aspect of the new Wisconsin policy is unlimited admission. All entrance requirements will be dropped. The increase in enrollment will be handled by enlarging faculties at the Madison and the Milwaukee campuses and by increasing the size of the eight existing freshman-sophomore extension centers throughout the state. The effect of the new policy is to make a free college education available to all Wisconsin residents.

## Wellesley To Go Coeducational?

Educational policies are changing elsewhere, also. Wellesley officials are discussing a program which will enable Wellesley girls to graduate in three years. The key to the program is a summer term, which may be coeducational. Nothing is definite yet, but Miss Margaret Clapp, president of Wellesley, says that interesting possibilities exist. With an advanced placement program as a supplement to the three school years and the three summer sessions, undergraduates can get a Wellesley degree in three years.

Several factors will influence the new policy. One of these is the number of girls who will want to endure the rigors of

spending summer vacation in school—despite the obvious advantages of co-education. Also a consideration is the difficulty of maintaining a high caliber faculty during the summer—the lack of which would detract from Wellesley's reputation. A third factor is the arrangement of cooperative summer programs with other schools in the Boston area. The total enrollment is hoped to be approximately the same as Wellesley's full time winter enrollment. The summer program will not be started until these and other problems are ironed out—probably in the summer of 1962.

Harvard and Radcliffe, too, are changing policies. It is now possible to get a Harvard degree, cum laude, without being enrolled in the honors program. Until now, graduation honors

were available only to those who, in their junior year, had declared themselves "honor candidates" in a particular department and who had received tutorial instructions, taken special courses in their major field, and written a senior thesis. Now a Harvard or Radcliffe student may qualify on his course record alone. The new regulation allows a broader and more varied program of courses for the honor student.

## SLAM To Picket Funeral Homes

From Antioch College in Ohio comes news of a new student activity. An organizational meeting has already been held for SLAM (the Student League for Abolition of Mortality). The purpose of the group has been stated by co-chairman Gilbert Herman, who says: "We're just against death."

Suggested SLAM activities include the appointment of a subcommittee to be called "The National Association for the Advancement of Immortality for all People (NAAIP), the formation of an "Immortality Corps," which will attempt to picket local funeral homes, and the drafting of two SLAM slogans: "Up life" and "Action through inaction."

## APO College Bulletin

### The Play Is The Thing

As Shakespeare said, "The play's the thing." Up and coming are plays, plays, and more plays. At Wellesley, for instance, the Barnswallows Spring Production will be presented this weekend. "The Women of Trachis," by Sophocles, will be shown at 4:40 p.m. on Friday and 2:30 p.m. on Saturday in the Hay Outdoor Theater. Tickets for the public are \$1.50 each.

"Good News," a spoof on college life in the nineteen twenties, will be presented at Northeastern University on May 26 and 27. The story involves a Tait College football player who won't be able to play against his school's arch rival unless he can be made to pass astronomy. The play is a blend of music, dancing, and comedy. Admission is one dollar.

A car ride, which may well be worth it, can take you to Trinity College in Hartford, where "Mr. Roberts" is being presented. On May 7 and 8, at 8:15, the story of a Navy cargo vessel which sailed "from Tedium to Apathy and back again—with an occasional side trip to Monotony," will be shown in the Alumni Hall for the admission price of a dollar and a half.

## Evening Concert

### BU Presents Gifford 'Dance Day'

The Joseph Gifford Dance Theater of New York will present a "Dance Day" at Boston University Saturday, May 13, with daytime lectures and demonstrations highlighted by an evening performance in the Boston University Theatre at 8:00 p.m.

Co-sponsored by the University's School of Fine and Applied Arts' theatre arts division and the University's Sargent College, the dance activities will begin with a two-hour Master Class at 10 a.m. in Sargent Gymnasium, covering dance techniques for both beginning and intermediate students.

The dance group will then move to BU Theatre for a lecture-demonstration on "The Creative Process in Modern Dance" from 2 to 4 p.m. Improvising on given themes, members of the Dance Theatre will explore dance as a universal experience, and the role of the choreographer as craftsman.

In the evening concert, original dance creations of the Joseph Gifford Dance Theater will be presented, including "Theme and Variations," "The Pursued," "Earth Song," "The Frequent Hero" and "The Room." Mr. Gifford, who is assistant professor of dance at the university as well as director and performer in the touring company, is currently doing choreography for the university's May 4-6 production of Garcia Lorca's "Yerma."

Now in its seventh year, the Gifford dance group is making its first New England appearance. It has toured extensively in the midwest and south, with critics' response declaring it "original, bold, dramatic..." Walter Terry of the New York Herald Tribune called "The Pursued" "intense, suspenseful... fresh and imaginative." The Dance Observer described "The Frequent Hero" as "a series of mime-dance vignettes that achieved pungent clarity in a delightful comedy style..." and "exposed typical human frailties projected with insight."

Dancers for the group include Mr. Gifford; Martin Morginsky, who is dance teacher and mem-

ber of the Jose Limon Dance Company; Mildred Hirsch, dance student at the Juilliard School; and LaVerne Lechner, a student at Sarah Lawrence College. Mr. Gifford will leave for Europe at the end of May for three months of teaching and observation of European techniques of dance education, staging and production. He has been invited to teach American modern dance technique and choreography in England, and at the Swiss Association for Dance and Gymnastics in Berne. The "Dance Day" will be Mr. Gifford's last regular performance before he leaves for Europe, and the day's activities should indeed be interesting.

Kraig W. Kramers '64

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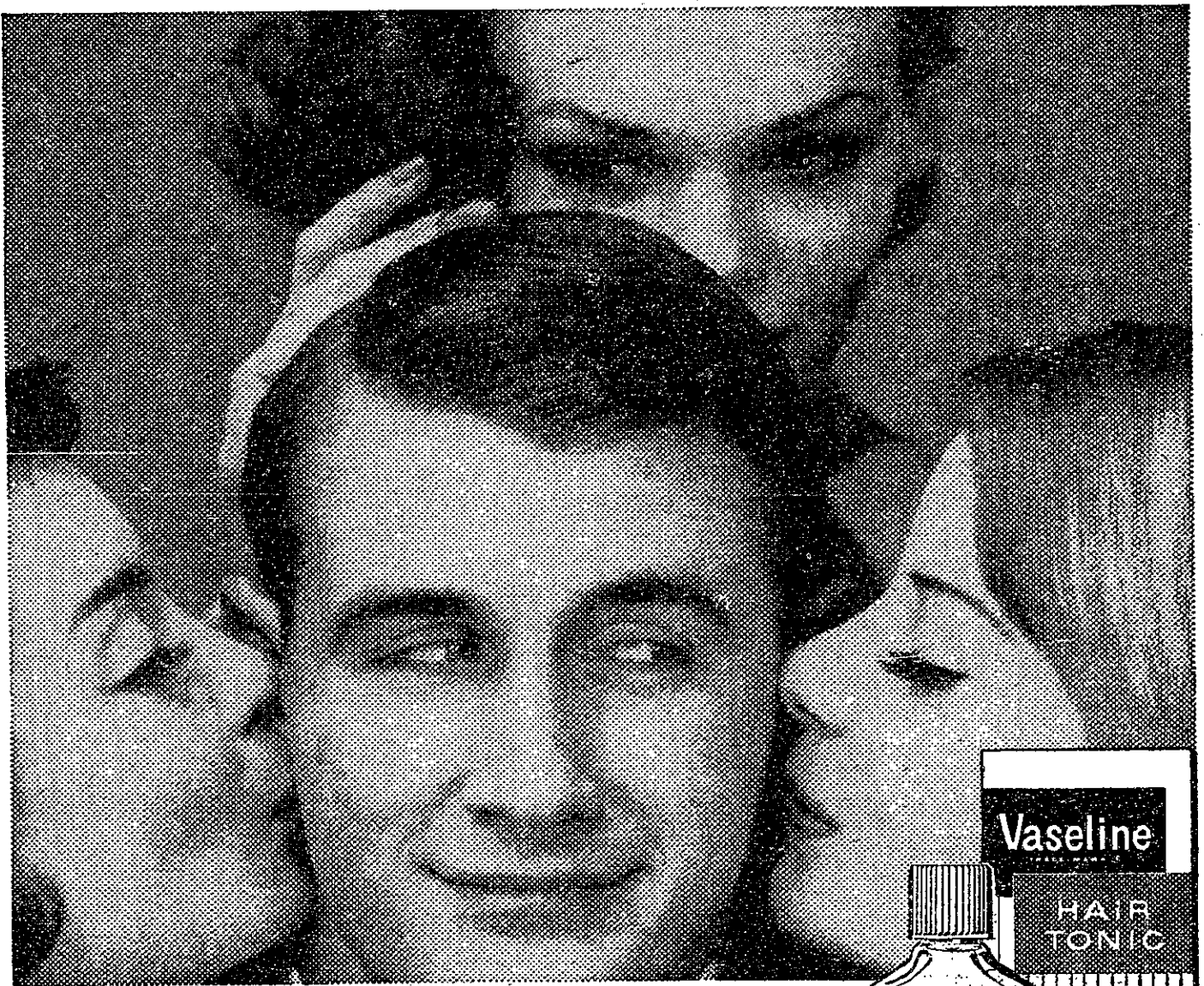
## MUSIC AT NEWPORT

JUNE 30, JULY 1, 2, 3

Some of the artists who will appear during the 4-day holiday weekend:

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Carmen McRae	Chico Hamilton	Duke Ellington
Ramsey Lewis	Gerry Mulligan	Sarah Vaughan
Stan Getz	Dinah Washington	Ray Charles
	Count Basie	Horace Silver

This is just the beginning! Other artists are being added. Tickets can be purchased now from MUSIC AT NEWPORT, 201 West 46th Street, New York, N. Y. — Circle 5-6272. Ticket prices are: \$3.30; \$4.40; \$5.50 (tax incl.)



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## Entertainment-wise

By Kraig W. Kramers '64

The MIT Concert Band, conducted by John Corley, will appear on Channel 2, WGBH-TV, Boston's educational television station, at 7 p.m. on May 3 (tonight) in a rebroadcast of an earlier "Classroom" program. The Wednesday program is titled "Accent on Music" and will be a demonstration of the symphonic band, its structure and its sound.

To illustrate an announcer's commentary, the Band will play excerpts from varied selections, using Morton Gould's "Perichoro" as the main source. The analysis of the symphonic band will be carried out by instrument sections — woodwind, brass, and percussion — each section having its turn in the spotlight. In addition, Gould's composition will be discussed in terms of its programmatic themes.

The MIT Baton Society presents "Tech Night at the Pops" Sunday, May 7, at 8:30 p.m. Reservations may be made at Regge Auditorium. Selections

## Chorus Pro Musica To Present Concert At End Of The Month

In keeping with the tradition of the Chorus Pro Musica, to bring choral music to the widest possible audience, Alfred Nash Patterson, director, has announced an "extra" free concert this year, which will be held on Tuesday evening, May 23 at 8:30 p.m. at Trinity Church, Copley Square, Boston.

The program will include *In the Beginning* by Aaron Copland, *De Profundis* by Michael Richard de la Lande, *Prayers of Kierkegaard* by Samuel Barber, and a premiere of a Mass by Robert Keys Clark of Kent, Connecticut.

Since its formation 11 years ago, the Chorus Pro Musica has held at least one "free" concert every year to give music lovers an opportunity to hear unusual choral music performed in special surroundings. Because of the acoustical advantages of Trinity Church, and through the interest and kindness of Dr. Theodore P. Ferris, rector of the church, the event has been frequently held there.

The Chorus Pro Musica has recently performed Poulenc's *Gloria* at Carnegie Hall, N. Y., April 18, with the Boston Symphony Orchestra, for which performance the work was chosen for the New York critics' "Oscar" award of the year. The Chorus will sing the finale at the Boston Arts Festival June 25; the program will include *Les Noces* by Stravinsky, conducted by Richard Burgin, orchestral works performed by the Zimble Sinfonietta, and a joint selection by the Chorus and the Sinfonietta which will be conducted by Mr. Patterson.

This concert (Boston Arts Festival) will bring the 1961 concert schedule of the Chorus Pro Musica to a close, with a record breaking season of a public concert every month since September.

## Dramashop Presents Shaw Plays; Everingham Directs Production

Last week, Wednesday through Saturday, the MIT Dramashop presented its Centennial year production of an evening of George Bernard Shaw. Two plays were presented because of the brevity of both plays. "Great Catherine", the one-act curtain raiser, lasted about an hour, while the second play, "Androcles and the Lion" was a good bit longer. Both plays were directed by Joseph D. Everingham, who is to be especially commended on the evening's excellent production.

The first play was a farce, set in a semi-historical background with Gus Solomons, Jr., '61, playing a really fabulous role as Prince Potomkin. Catherine, the Russian empress, was played by Joan Tolentino, while Michael Meeker, G, played an outstanding performance as an English officer. Joan Tolentino executed her role as the empress to such a high degree of excellence, that the audience was surprised by the great difference of her second role as Lavinia in "Androcles and the Lion." Undoubtedly both her performances were the high-points in the evening's female roles.

## Church Will Present Chester Miracle Play Next Sunday Afternoon

Noyes' *Fludde*, the Chester Miracle Play set to music by Benjamin Britten, will be presented for the first time in New England on Sunday, May 7, at 4 p.m. at The First Church in Cambridge, Congregational, by the First Church choir, orchestra, soloists and congregation. Thomas Beveridge of Boston will sing the role of Noah and Miss Corinne Jensen, the role of Mrs. Noah. The other characters will be played by young people and children of the church. The performance is being directed by David C. Johnson, Director of Music at First Church, and produced by Frances G. Wolf, Director of Christian Education. Mr. Joseph Everingham, Director of Drama at MIT, is Dramatic Advisor. The Boston Chapter of the American Recorder Society will assist in the production.

The work is one of the *Miracle Plays*, based on Biblical episodes, performed by the craft guilds of Chester, England, in the 16th century. Benjamin Britten's musical version, first performed in 1958, features young people as Noah's sons and their wives, and children wearing head masks as the animals which fill the ark, the sun, the moon and the stars. The audience participates by singing with the cast during the production.

Gus Solomons took the part of the Lion in the second play, with Richard Hornby, '60, as Androcles. The play began with an introduction by G. B. Shaw (played quite well by Michael Meeker) before the stage. Many of the players entered the stage area from the aisles in the audience sections in the second play. This effectively brought the audience into the action, while at the same time introducing an air of informality of which the Shaw introduction had already hinted.

Costuming and staging were unusually professional, the former being done by Mrs. Helen Bottomly, the latter by James Dorr, '63. The stage setting before the Colosseum was actually a beautiful piece of work, and surprisingly enough the whole production seemed to generate a similar reaction in the audience; that is, the audience was astounded and pleased by the entire production. Although a little curtain trouble (curtain quit and ropes were seen to dangle from the top of the stage) occurred in the beginning of the first play, it was soon overcome by the diligent stage crew who competently completed its job, too. In summary, the plays were audience-pleasing and were, indeed, a credit to the satirical Shaw.

Kraig W. Kramers '64

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"Camino Real" will be presented for the first time in the Boston area by the MIT Community Players in Kresge Little Theater, May 18-20 and 25-27, at 8:30 p.m. The play, written by Tennessee Williams, is directed by Jol Oberly with Gus Solomons, Jr., a familiar figure in all sorts of theatrical productions at MIT, as choreographer.

A Folk Festival will take place at the Delta Kappa Epsilon House from 1-5 p.m., May 7, Sunday. Performers will include Rolf Cahn, Debbie Green, Pete Stanley, and Jim Kweskin.

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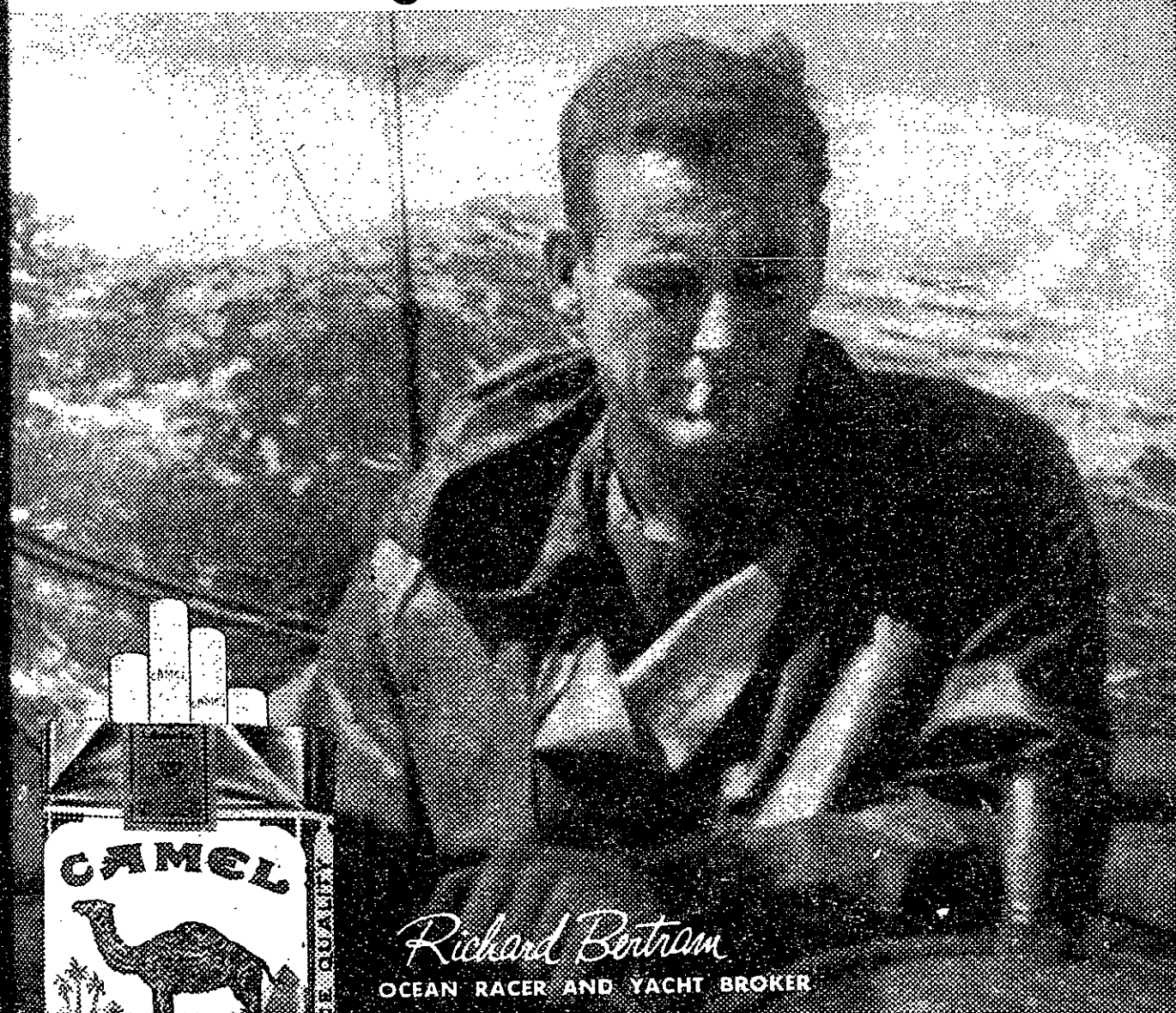
Glenn Ford - Donald O'Connor,  
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1:20 5:30 9:35

Angie Dickinson - Peter Finch  
"The Sins of  
Rachael Cade"  
11:05 3:15 7:25

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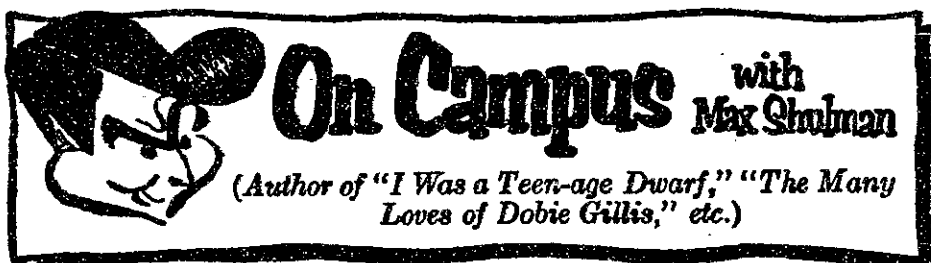
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**A ROBE BY ANY OTHER NAME**

As Commencement Day draws near, the question on everyone's lips is: "How did the different disciplines come to be marked by academic robes with hoods of different colors?" Everybody—but *everybody*—is asking it. I mean I haven't been able to walk ten feet on any campus in America without somebody grabs my elbow and says, "How did the different disciplines come to be marked by academic robes with hoods of different colors, hey?"

This, I must say, is not the usual question asked by collegians who grab my elbow. Usually they say, "Hey, Shorty, got a Marlboro?" And this is right and proper. After all, are they not collegians, and, therefore, the nation's leaders in intelligence and discernment? And do not intelligence and discernment demand the tastiest in tobacco flavor and smoking pleasure? And does not Marlboro deliver a flavor that is uniquely mellow, a selectate filter that is easy drawing, a pack that is soft, a box that is hard? You know it!



But I digress. Back to the colored hoods of academic robes. A doctor of philosophy wears blue, a doctor of medicine wears green, a master of arts wears white, a doctor of humanities wears crimson, a master of library science wears lemon yellow. Why? Why, for example, should a master of library science wear lemon yellow?

Well sir, to answer this vexing question, we must go back to March 29, 1844. On that date the first public library in the United States was established by Ulric Sigafos. All of Mr. Sigafos's neighbors were of course wildly grateful—all, that is, except Wrex Todhunter.

Mr. Todhunter had hated Mr. Sigafos since 1822 when both men had wooed the beauteous Melanie Zitt and Melanie had chosen Mr. Sigafos because she was mad for dancing and Mr. Sigafos knew all the latest steps, like the Missouri Compromise Mambo, the Shay's Rebellion Schottische, and the James K. Polk Polka, while Mr. Todhunter, alas, could not dance at all owing to a wound he had received at the Battle of New Orleans. (He was struck by a falling praline.)

Consumed with jealousy at the success of Mr. Sigafos's library, Mr. Todhunter resolved to open a competing library. This he did, but he lured not a single patron away from Mr. Sigafos. "What has Mr. Sigafos got that I haven't got?" Mr. Todhunter kept asking himself, and finally the answer came to him: books.

So Mr. Todhunter stocked his library with lots of dandy books and soon he was doing more business than his hated rival. But Mr. Sigafos struck back. To regain his clientele, he began serving tea free of charge at his library every afternoon. Thereupon, Mr. Todhunter, not to be outdone, began serving tea with sugar. Thereupon, Mr. Sigafos began serving tea with sugar and cream. Thereupon, Mr. Todhunter began serving tea with sugar and cream and lemon.

This, of course, clinched the victory for Mr. Todhunter because he had the only lemon tree in town—in fact, in the entire state of North Dakota—and since that day lemon yellow has of course been the color on the academic robes of library science.

(Incidentally, the defeated Mr. Sigafos packed up his library and moved to California where, alas, he failed once more. There were, to be sure, plenty of lemons to serve with his tea, but, alas, there was no cream because the cow was not introduced to California until 1931 by John Wayne.)

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And today Californians, happy among their Guernseys and Holsteins, are discovering a great new cigarette—the unfiltered, king-size Philip Morris Commander—and so are Americans in all fifty states. Welcome aboard!

**A New Sport****College Men Push Beds**

By Toby Zidle '63

Undismayed at the dwindling interest in telephone booth cramming, the birthplace of booth-stuffing, South Africa's University of Natal has come up with a new diversion for lethargic college students—bed-pushing.

Although actually the brain-child of students at the University of Rhodesia, the Natalese have borrowed and perfected the art—setting the first distance and endurance records.

Today, bunk-shoving collegians throughout North America and probably Europe have made the sport so competitive that almost daily records are being made and broken.

**Canadian Records**

Outside of Africa, the greatest interest in bed-pushing is being shown by Canadians. In what was probably the first North American record, the University of Columbia's crack four man team shoved a hospital bed, complete with a coed "patient," for a distance of 42 miles. Lending a touch of ingenuity to the stunt, the bed was equipped with inflatable rubber tires and headlights.

McMaster University in Ontario set a record for speed and endurance which probably still stands. The McMaster team pushed their bed, mounted on bicycle tires, 317 miles in 43 hours, or at a speed of over seven miles per hour. Neither blizzard or police (warning them off the highways) or hijackers (intent on stealing the bed) stayed the McMaster team from its record.

**Coeds Travel 1000 Miles**

Elsewhere in Canada, coeds tried the sport. At Queen's Col-

lege in Toronto, the coeds claimed a distance record of 1000 miles. This record was later rejected, however, because the girls had merely pushed the bed around the campus until they had traveled 1000 miles. By a mysterious unwritten code of rules, this has been deemed cheating.

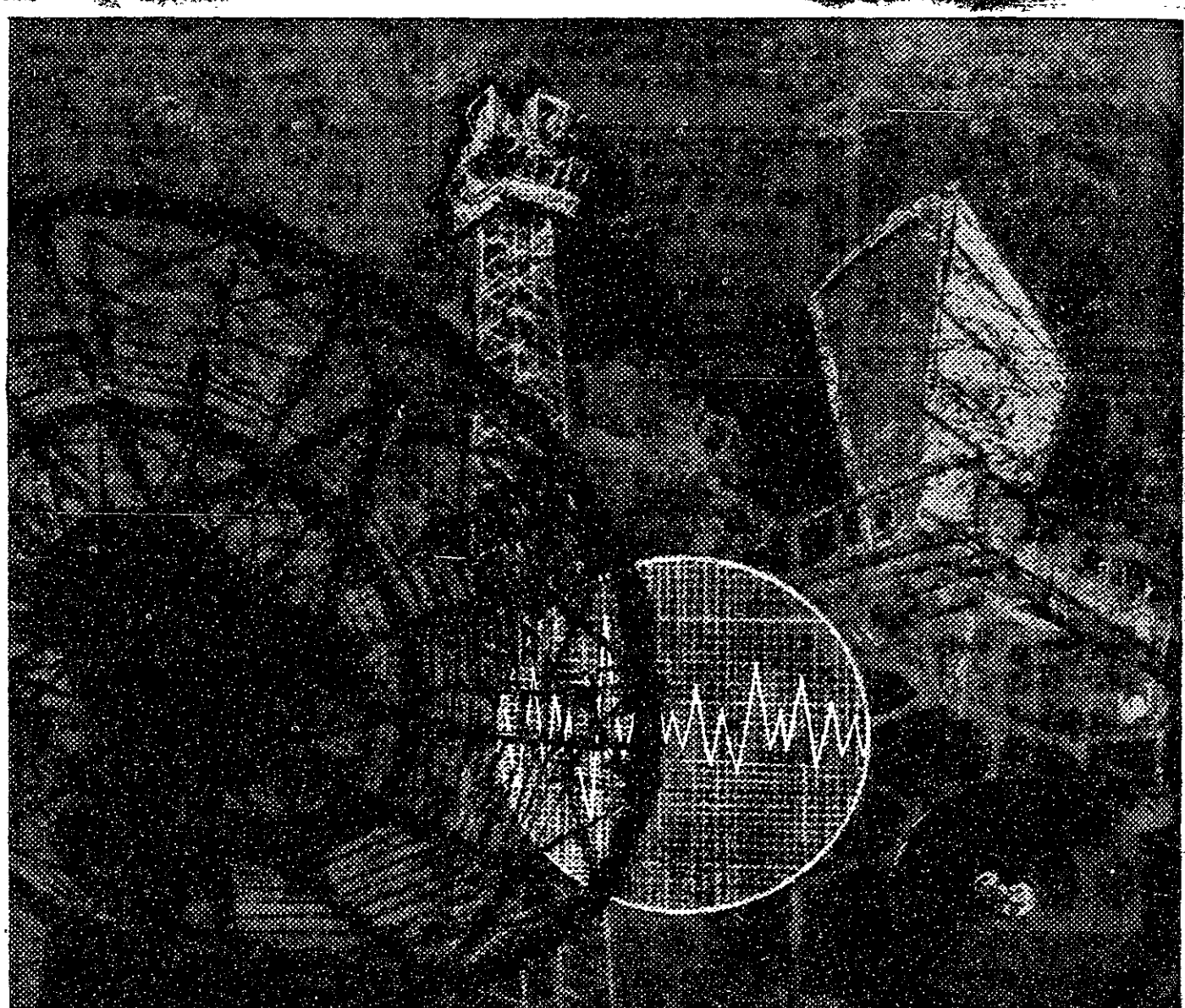
Meanwhile, back in the U.S., members of the Rho Sigma fraternity at Baylor University in Texas pushed a gaily colored green and gold bed to their fraternity brothers at the University of Texas, a distance of about 100 miles.

MIT has seen groups of students cram 15 people in a phone booth, stuff tons of flesh into a small elevator, and squeeze a dozen or more bodies into a Volkswagen. Tech students have put Fords on dorm roofs and have kidnapped mid-sections of Polarises, but here at MIT the sport of bed-pushing remains dormant.

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## MIT Varsity Golfers Open Spring Season With Victories On Trip South And At Home

Although subjected to less than ideal weather conditions, most of the current spring season, the MIT varsity golf team has been marching steadily toward the achievement of its first winning season in the school's history. As the team entered the two day Greater Boston Colleges Golf Tournament, its record was a distinguished nine wins and five losses. This figure includes both three victories in fall matches as well as the current competition.

The highlight of the spring season was the vacation trip to Maryland and Virginia where the Tech linksmen out-evaded Johns Hopkins and Camden-Sydney, but were edged by Washington and Lee. They were overwhelmed by a powerful University of Maryland aggregation. This trip provided Coach John Merriman with the opportunity of evaluating his talent, and on the basis of rounds shot in the sunny South, the nucleus of the team was established in order of position as Chuck Gamble '62, Al Karman '62, Alden Foster '62, Archie Thomas '62, and Bill Ham '63. Gamble and Karman were the leading two men last year's strong squad, and Thomas also is a returnee from last year, while Foster is playing his first season of college and Graham has moved up

from the number one position on last year's freshman team. Foster has paced this group with an overall personal record of 12 wins and only two losses. Also helping the Engineers at various times this season have been Mike Finson '63, Dwight Cook '63, Lindenmeyer '63, Jim Nick '63 and Neil Hull '63, who have alternated among themselves at the number 6 and 7 spots.

The unprecedented success of MIT golf under the direction of John Merriman, now in his second year as varsity coach, can be attributed largely to the untiring enthusiasm he has shown in arranging a full and challenging schedule of matches and tournaments. Largely as a result of his efforts, this year will see the initiation of the Greater Boston Colleges Tournament in which teams from MIT, Harvard, Tufts, Brandeis, BU, BC and Northeastern will compete. Harvard and Tufts will be favored in this event at the Merrimack Valley Golf Club in Methuen, with MIT rated as a strong challenger. Tomorrow, the team will resume match play competition on Tech's home course, the Oakley Country Club in Belmont. From here on in the team will be intensifying its efforts in order to be in top shape for the NEIGA tournament at Providence later in the month.

## Branson, Haney Win

### Tech Nine Beats Tufts And NU

The MIT Varsity Baseball Team pulled itself up to second in the league by defeating both Tufts and Northeastern last week.

Harold Branson '63 won his first varsity start against Tufts in a 3-1 upset. Yielding only three hits and striking out ten, he showed a complete recovery from the sore arm that had plagued him during the spring trip. A Tech rally for two runs in the eighth inning provided the winning margin.

The upset of Northeastern was highlighted by Paul Olm-

stead's ('61) three-run double in the eighth inning, setting off a four run rally that led to the 5-3 win. Right-hander Mickey Haney ('61) went the route, allowing four hits while striking out ten and walking five. Short stop Dale Gladding had four hits, including a run scoring double in the fifth.

MIT vs Tufts:

MIT	0	1	0	0	0	0	2	x-3
Tufts	1	0	0	0	0	0	0	0-1

MIT vs NU

MIT	0	0	0	1	0	0	4	x-5
NU	0	1	0	1	0	0	1	0-3

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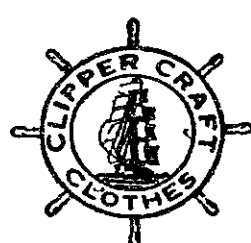
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**AIR FRANCE JET**

## Crocker Meet The Coaches Merriman

A comment often heard from those passing by the tennis courts in the late afternoon is, "Say, look at that old guy playing tennis; he's pretty good!" The "old guy" referred to is varsity tennis and squash coach Ed Crocker (who incidentally is only 43). Each day Coach Crocker is out on the courts with the team, trying to improve each man's game by volleying with him and pointing out his mistakes as they occur.

Ed Crocker's entire life has been centered about sports and physical education. While attending Dorchester High, he was a member of the football team and was responsible for starting tennis there. After graduating from high school and serving in the Air Force until 1946, Crocker entered Springfield College where he majored in physical education and minored in health. Besides being captain of the tennis team, on which he played first



Coach Ed Crocker

man for three years, he also coached freshman tennis and JV basketball while an undergraduate.

After doing graduate work at Springfield, Crocker taught science at Northwood School, Lake Placid, N. Y., where he also served as phys. ed. and ski instructor and as tennis and basketball coach. It was during these years that he was a class "A" badminton player and proceeded to win the state doubles crown.

Ed has been a member of the U. S. Professional Lawn Tennis Association for ten years and spends his summers as a tennis pro at Stamford Yacht Club, Stamford, Conn. Thus it was with much experience that he came to MIT in 1957 to become tennis and squash coach. His best tennis team to date has been that of '59 when MIT tied for second in New England with a 10-4 record.

This past fall Ed Crocker was appointed Director of Physical Education at MIT. He has a particular philosophy about sports here at MIT. "The athletic program here is centered around those sports which one may carry over into life after he leaves school. Thus we emphasize such sports as tennis, squash, sailing, golf, etc."

Comparing tennis to squash, Crocker says, "Squash is a faster game than tennis, thus requiring better conditioning. Also it is possible for a squash player in four years of college to become a champion, whereas it takes many more years to become proficient in tennis. A common misconception is that playing squash

(Please turn to page 11)

For 28 years the Director of Athletics at the United States Coast Guard Academy, John S. Merriman, Jr., is presently acting as MIT intramural advisor and varsity golf coach. During what was termed as a "long and illustrious association" with the Coast Guard, Merriman intermittently coached the football, basketball, baseball, and golf teams, retiring in 1957 with Commander ranking. In 1948 he was a member of the U. S. Olympic Games Boxing Committee.

A four-sport man (soccer, football, baseball, and basketball) at Holyoke, Mass., High School, Merriman continued to play basketball after graduation in 1918. He competed with the professional All-Valley Stars and with the Interstate

League Holyoke entry, a team that played against the original Celtics (from New York at the time). He also played football with the Army Officers Training Camp while at Union College for a semester, and both football and basketball at Springfield College, where he graduated in 1923 with a Bachelor of Physical Education degree.

### Basketball Has Changed

Decidedly less than a six-footer himself, Merriman lamented the drastic changes that have occurred in basketball since his college days. "The emphasis is all on height now. When I played, the big man was a rarity, and when he did exist, he was usually awkward compared to the other men. Defense is a lot less important now, too, and the shooting is far superior."

Merriman began his coaching career by instructing a Holyoke trade school basketball team part-time as a college freshman. From 1923-25 he coached football, basketball, and baseball at Worcester, Mass., Academy, and for the next four years he was the head football and baseball coach at Trinity College. In 1929 he went to New London, Conn., as the Coast Guard Academy's Director of Athletics, then to remain until his retirement from the service in 1957. At various times during these 28 years Merriman was a member of the Eastern College Athletic Conference Executive Committee, the NCAA Nominating Committee (4 years), the National Collegiate Boxing Rules Committee (8 years), as well as the 1948 U. S. Olympic Boxing Committee. He was also vice president and president of the New England College Conference on Athletics and chairman of the N. E. Officials Appointment Committee for college wrestling.

(Please turn to page 11)



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# Both Crews Excel Against Harvard, Yale

(Continued from Page 1)

the Harvard yearlings by a little less than a boat length as Dartmouth, which beat the Tech frosh last week, was a distant third, a position they were to maintain throughout the entire regatta.

**Fast Start Does It**  
Jumping out to their usual early lead, the MIT heavy varsity, coached by Jack Frailey, easily won its second race of a far undefeated season. Conqueror of BU and Columbia last

week, the Engineers beat Yale for the first time in 10 years, with one of the fastest times produced on the Housatonic in recent seasons, 9:37.4, just five seconds off the course record for the two mile run.

Rowing the longer course presented an initial disadvantage to the Tech eight, since the longest straight run available on the Charles is a mile and three-quarters, but the spirited Beavers were undaunted. The varsity has now rowed together for 2½ weeks and looks for-

ward to the Compton Cup on the Charles next week with Princeton, which beat Pennsylvania last week; Dartmouth and Harvard. The Crimson heavyweights last Saturday suffered defeat at the hands of both Cornell and Rutgers. A very interesting fact is that the same Rutgers eight which overcame Harvard bowed easily the week before to Yale. "Harvard can look forward to a good race," said sophomore stroke Chris Miller after his crew's defeat of the Elis.

## Harvard Given Scare

On the Charles, the Harvard lightweights, undefeated for three years before last week's beating by Navy, very nearly came away with their second loss in a row. The MIT lights, trailing throughout the race, gradually narrowed the margin and were within a half length of their rivals as the crews came through the Harvard Bridge, which is the three-quarters mark. At Howard Johnson's, with a quarter mile to go, both crews were rowing the same beat and the Engineers were gaining markedly with every stroke. The finish line came up before they could catch the men from Harvard, however, as the shells sailed past the line with a margin of about five feet separating them.

The lightweights meet Cornell and Columbia next week on the Harlem River in New York, as they will defend the Geiger Cup which they won in 1960. On the strength of last week's showing, the Engineers have to be favored to repeat last year's performance.

## Tech Nationally Ranked

The recent feats turned in by the MIT crews has put them in a prominent position nationally, and both the heavies and lights are expected to be among the top contenders in the national championships May 13 at Worcester.

## MIT Boatings

Varsity Heavy	Varsity Light
Chris Miller 8	Tom Alexander 8
Ron Cheek 7	Steve Aldrich 7
Tony Fiory 6	Dennis Buss 6
Mike Gockel 5	John Suhrbier 5
Bill Weber 4	Jerry Manning 4
Chester Riley 3	Geo. Zimmerman 3
Dick Millman 2	Ken Blanchard 2
Mike Lawton 1	C. Bruggeman 1
George Dotson C	Barry Speyer C

## JV Heavy

John Wasserlein 8	Roger Rowe 8
Tom Taylor 7	Dennis Cook 7
Dave Marks 6	Bob Blosssey 6
Bruce Anderson 5	John Lynch 5
Bob Kurtz 4	L. Sompayrac 4
Herb Doepken 3	Errol Hultgren 3
Bob Brady 2	Mike Gresta 2
A. Von Kuegelgen 1	Dick Resch 1
Roger Gans C	Bob Vernon C

## JV Light

Freshmen Heavy	Freshmen 150
Mike Lardner 8	Eric Jorgenson 8
Al Luebbers 7	Dennis Smith 7
Bob Sandel 6	John Barton 6
Kim Sloat 5	Dave Evans 5
Norm Davis 4	Herb Herrman 4
Bob Wild 3	Jim Craig 3
Carey Mann 2	Mark Barron 2
Bill Jullitz 1	Norm Wagoner 1
Bill McClure C	Julian Adams C

## Third Varsity

Jim Draper 8	Kerry Weinhold 8
Steve Schmelling 7	Bill Carruthers 7
Lynn Wheelchel 6	Steve Richards 6
Stan Yeager 5	Don Seifkes 5
Lou Taff 4	Paul Holland 4
Jim Dressler 3	Tom Perarity 3
Dick Jooz 2	Mark Kovacs 2
John Larson 1	Bill Ribich 1
	Rudy Hoffman C

## Second Freshman

8	7	6	5	4	3	2	1	C
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## Sports Event Of The Week

## Crews In Compton Cup

This Saturday at 6 p.m. the undefeated MIT varsity heavyweight crew will meet Harvard, Princeton and Dartmouth in the 26th annual Compton Cup Regatta. Harvard has won the cup 16 times, since its inception in 1935, and Tech is still looking for its first victory. The MIT varsity heavyweight crew has not beaten Harvard since the Eastern Sprints of 1950 at Annapolis where they took first place. In last year's Compton Cup races at Princeton, MIT finished third behind Harvard and Princeton.

## Frosh Were Strong

BUT, last year's freshman squad, four of whom including stroke Chris Miller, No. 7 man Ron Cheek, No. 6 man Anthony Fiory and No. 4 man Bill Weber, now hold seats in the varsity boat, was the best freshman crew MIT had produced in four years. They were the first freshman squad to beat Harvard since 1954. At the IRA Regatta at Syracuse last year, this crew surprisingly finished second to the Navy plebes, who finished fourth in the Olympic trials. That freshman squad, coached by newcomer Dick Erickson from Washington, took advantage of their last opportunity to show their might. They warded off three of the five crews who had beaten them at the Eastern Sprints. Harvard was not in the IRA race. In the last seconds, the Engineer frosh pulled ahead of the Washington crew, each of whose members outweighed and outmeasured his corresponding member of the Tech crew.

## Tech Undefeated

AND ALSO, this year MIT has won their first two races

of the season. This is the best record MIT has enjoyed in a long time. Varsity coach Jack Frailey has included with the four sophomores, Mike Gockel, the only senior on the squad, in the No. 5 seat; the "skipper" of the crew, Captain Chet Riley '62, in the No. 3 seat; powerful Dick Millman '62, whose bad arm kept him off the varsity boat last year, in the No. 2 seat; and Mike Lawton '62, holding down the bow position.

## Beat Yale, BU, Columbia

In their first race the MIT varsity crew easily headed off slight competition furnished by Boston University and Columbia. Last Saturday, at Yale, they were 10 seconds ahead of the Yale oarsmen.

AND ALSO, Harvard won their first race with stiff competition from Syracuse and Brown in 8:51. On the same day MIT, not at all pushed, finished in a time only 4.2 seconds slower. Last Saturday the Harvard crew came in third behind Cornell and Rutgers, the crew which had previously been beaten by the Yale heavies.

## Six Races Here

THIS WEEK'S Compton Cup varsity race should equal in excitement the close event between the Harvard and MIT varsity lights of this past weekend. Also on the day's program are races between Boston University and Rutgers at 3:30, 4:30 and 5:30. The MIT freshmen who have not yet reached their strong potential, will race at 4, and the MIT jayvee crew, stroked by sophomore John Wasserlein, will row at 5 p.m. This is the last Saturday MIT crews will race on the Charles during the 1961 rowing season.

## Tech Riflemen Close Successful Season; Team Sixth In Nation

It was announced last week by the National Rifle Association that MIT had placed a creditable ninth in the National Intercollegiate Postal Rifle Match. MIT's four mad score of 1147 was not far behind the winning score of 1159 posted by the Oregon State University team.

At a joint Rifle-Pistol Banquet Friday night the team received medals for its first place finish in the Greater Boston League and witnessed the presentation of the "1137" Trophy to retiring team Captain Bill Leffler '61.

Steve Smith '62 was elected Rifle Team Captain for next year at the Banquet.

## Coaches

(Continued from Page 10)

## Crocker

ports one's tennis game. This is not true. Tennis in the summer and squash in the winter is an excellent combination."

Commenting on this year's tennis team, Coach Crocker feels that his boys have done well, in view of the fact that the first six men of last year's team were lost through graduation. He has praise for captain Bob Palik who has improved much since last year and sees in Bent Aasnaes, who won the first point taken from Harvard in quite a few years, "possible future New England champion". With the exception of Dartmouth, the strongest team in New England, he believes that MIT has a good chance to win a fair percentage of its remaining matches.

★ ★ ★

## Merriman

(Continued from page 10)

Since coming to MIT in May 1958, Merriman has been the advisor to the student intramural program, although he coached freshman golf in 1959 and varsity in 1960-61. A firm believer in student-managed intramural sports, Merriman expressed his views about the MIT program. "MIT surpasses any university in the country in its intramural set-up, even though, or perhaps because it is run entirely by students. It is extensive, sound, and logical and that it is beneficial to those who aren't varsity players. Intramural sports are for people who haven't the time or ability to engage in varsity sports, and there seems to be more interest every year. For example, hockey grew from almost nothing to 27 teams last fall. The student managers take full responsibility for holding intramurals in their sports, including scheduling and officiating, and they do a great job, even in the difficult-to-handle sports like track, wrestling, and swimming. It is the students who have made the intramural program at MIT successful."



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# TECH COOP



## Cindermen Bow, 87-48, Frosh Downed, 75-59 On Rain-soaked Track

Hampered by injury to two of its top scorers, the varsity track team was downed by Bowdoin 87-48 Saturday at Briggs Field, in its final home appearance. The freshman also succumbed 75-59.

Superior depth and field strength spelled the difference for the Polar Bears. With the exception of the hurdles, the Beavers had the edge in the running events as five Techmen scored in two or more events. But the Engineers were without the services of Joe Davis '61, consistent winner the hurdles, and Al Ramo '63, high scorer in the weights, both of whom have foot injuries, and the visitors opened up their margin in the field events.

Don Morrison '61 was high scorer for the meet with 18 points. Despite the rain, which made takeoffs slippery and covered most of the track with two to three inches of water, Don copped the broad jump with a leap of 21'3", won the 100 in :10.4 and the 220 in :22.9, and placed second in the

pole vault. George Withbroe '61 was second highest for the Beavers with a double win in the 440 and 880.

Tom Goddard '63 was Tech's other winner, breezing to a 4:41.3 victory in the mile, and returning to take third spot in the 880. Steve Banks '62, second in the two-mile; Chuck Rein '62, second in the javelin; Jim Beetem '62, tied for second in the high jump; Forrest Green '63, third in the 440 and low hurdles; Paul Robertson '61, third in the one- and two-miles; Ray Landis '62, third in the hammer; and Bob Maskrey '63, third in the lows; provided the remaining tallies.

Jim Flink paced the frosh effort with 20 points, including a triple win in both hurdles and the 100. The other yearling victors were Pete Staecker, 440; Dave Sullivan, 880; Gary Lukis, pole vault; Bill Remsen, shotput; and Bill Harper, hammer throw.

Both varsity and freshman squads travel to Springfield Saturday where they will face perennially powerful Springfield College. The frosh make their final home appearance next Wednesday against Moses Brown at 4:00 P.M.

## On Deck

Today, Wednesday, May 3

Baseball (F) at Andover  
Crew (F) with Tabor on the Charles, 4 p.m.  
Golf (F) at Harvard  
Lacrosse (F) at Tabor  
Tennis at Dartmouth  
Tennis (JV) with St. George's School, 2:30 p.m.  
Tennis (F) at Milton Academy

Thursday, May 4

Lacrosse at WPI  
Golf at Tufts

Saturday, May 6

Baseball at Coast Guard (2)  
Baseball (F) with Newton Junior College, 2 p.m.  
Heavy Crew — Compton Cup, with Harvard, Princeton, Dartmouth, on the Charles  
Light Crew — Geiger Cup, with Columbia and Cornell, at New York  
Lacrosse at Bowdoin  
Lacrosse (F) at UNH  
Tennis at Coast Guard  
Tennis (F) at Exeter  
Track (V&F) at Springfield

Monday, May 8

Golf with BU, Babson

Tuesday, May 9

Lacrosse at Tufts  
Lacrosse (F) with Tufts, 3:30 p.m.

Wednesday, May 10

Baseball with BU, 4 p.m.

## Intramural Sports

### Variety Highlights Spring Season

Activity in intramural sports reaches a peak this week with softball, sailing, golf, and track featured. This week-end will decide league champions in baseball, qualifying winners for the playoffs; champions in the other sports will be known by Sunday.

Spring sailing, which began Monday, runs through Friday. Races start at 4 p.m. each afternoon, continuing until dark. This is the second part of the season; the winner will be chosen on the basis of total points obtained now and during the fall sailing series.

#### Golf Tourney In Dedham

The George Flynn Golf Course will be the site of this year's intramural golf tournament, on Friday, May 5. Located near Dedham and the Stony Brook Reservoir, this course is expected to be considerably challenging than most in the area; MTA lines run very close to the course, making it convenient for spectators who wish to attend. Three-man teams will compete in eighteen holes of stroke play, completing the tournament in a single day.

#### Track On Sunday

The intramural track meet will be held Sunday, May 7, from 2 to 6 p.m. Qualifying runs for the relay races and 440 yard runs will be held Thursday and Friday afternoons at 5:15 p.m.; eight relay teams and six 440

runners will reach the finals on Sunday. Qualifying and final runs for 220 and 100 yard races will be held Sunday; the day events also include the high jump, broad jump, shot put, and mile run. First, second, and third places in each event will receive ribbons, with champions of the meet determined on a total points basis.

#### League Winners Determined

The regular softball season draws to a close this week with four games at 5 p.m. today, two tomorrow, and seventeen on Saturday will determine the league winners, and the playoffs, beginning next week, will end May 21. Today's games are: Phi Sigma Kappa vs. Burton (field No. 1); Chi Phi vs. Delta Upsilon-Phi Gamma Delta (field No. 5); Sigma Chi vs. United Christian Fellowship (field No. 6); Zeta Beta Tau vs. East Campus (field No. 7). Tomorrow at 5 p.m., Phi Kappa Sigma meets Grad House Dining Staff (field No. 1); Delta Kappa Epsilon plays Theta Xi (field No. 5).

## Final Exams

All students should obtain an examination schedule now at the Information Office, Room 7-111. Exams not listed or a conflict in exams, such as two exams the same morning, must be reported to the Registrar's Office by Tuesday, May 7.

The Registrar

## CLASSIFIED ADS

LOOKING for two well-used English bicycles in operating or near operating condition. NO 2-8942.

LIGHTNING Class sailboat, True 1956, no. 6078, 19-ft., excellent cond., \$900. Ext. 2201, Keenan.

FOR SALE. 1961 Austin Healey Sprite, light blue, top condition 3000 miles. Call UN 8-7198.

WANTED: Counselors, special athletic or general, older college men or graduates, Jewish boys' summer camp, near Boston excellent summer opportunity Chelsea, TU 4-5271 or write: Director, 10 Brookside Dr., Cranston R.I.

'60 BUICK Electra, 4-door sedan power steering, power brakes R&H, gray, private sale to settle estate. \$2500. OL 3-5496.

Typed, prepaid classified ads may be submitted to The Tech Walker Memorial. Rate: 20 cents per 33 character line.

Second class postage paid at Boston, Massachusetts. The Tech is published every Wednesday during the college year, except college vacations, by THE TECH Walker Memorial, 150-211, MIT, Cambridge, Mass. Telephone: TROW-6-5855, or UNIVERSITY 4-6900, extension 2731.



LUCKY STRIKE PRESENTS:

# DEAR DR. FROOD:

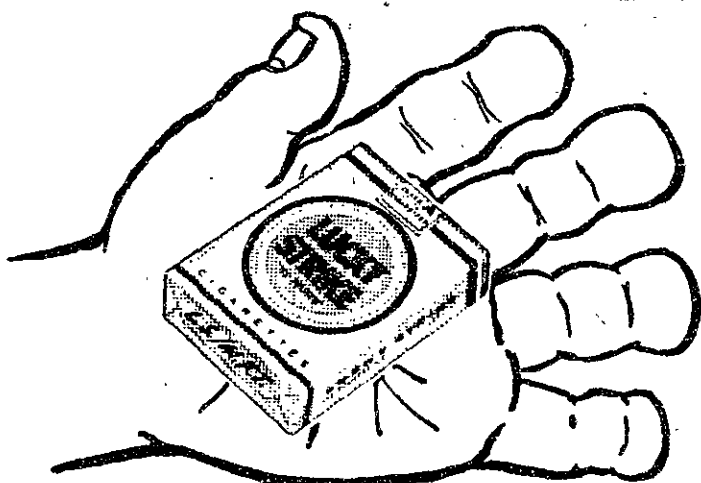
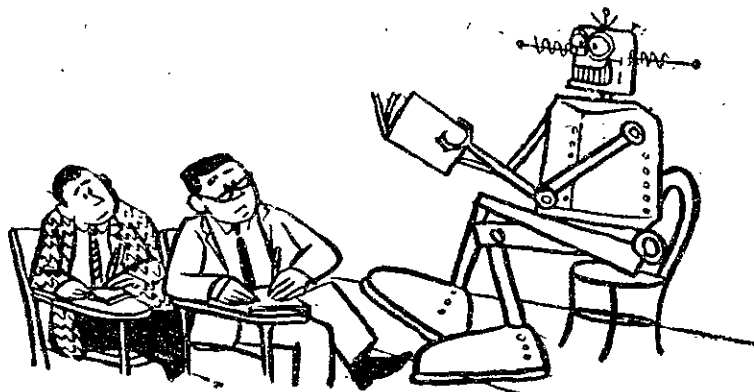
DR. FROOD'S THOUGHT FOR THE DAY: BEWARE OF SUBLEMINAL ADVERTISING!

LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE LUCKY STRIKE

Dear Dr. Frood: I've been reading a great deal about automated teaching devices. How long will it be before they come up with machines to replace professors?

Professor

DEAR PROFESSOR: Just as soon as they get one that can rap the knuckles of a sleeping student, give humiliating answers to foolish questions and spring surprise tests whenever it happens to be in a bad mood.



Dear Dr. Frood: My problem is fat, stubby fingers. As a result, I am exceedingly awkward with my hands. My manual dexterity is so poor, in fact, that I can't even get a Lucky pack open. What can I do?

Fingers

DEAR FINGERS: Simply strap ordinary sewing needles along both of your index fingers. Now cup the Lucky pack in your hands, grasp the little red tab in your teeth, and yank. Next, place the pack on a flat surface and secure it between two unabridged dictionaries. Then, with the right-hand needle, carefully, carefully carve a one-inch-square opening at the top right-hand corner. Finally, place the points of the needles firmly against the sides of a Lucky and lift. That's all there is to it. A word of warning though: Try to be careful when shaking hands.

Dear Dr. Frood: In the four years I've been at this college I've done some pretty horrible things. I am guilty, for instance, of [redacted] into and around the home of Professor [redacted]. I'm also ashamed of [redacted] the Board of Regents, and completely [redacted] the campus policeman's [redacted]. But the worst thing I did was [redacted] after hiding all night in the [redacted]. Can I, in good conscience, even accept a diploma from dear old [redacted]?

DEAR [redacted]: You can if you send \$500 in unmarked bills to Dr. Frood, Box 2990, Grand Central Station, New York 17, N. Y. If you don't, I'll print your letter without the little black lines.

Dear Dr. Frood: Don't you think it's wrong for a boy and girl to marry while they're still in school?

Soc. Major

DEAR SOC.: Yes, they should at least wait until recess.



THE HANDWRITING IS ON THE WALL, says Dr. Frood. Or, more exactly, on the blackboard. It's appearing on college blackboards everywhere: "College students smoke more Luckies than any other regular." Why is this statement showing up on college blackboards? Because I am paying agents to put it there. For you must remember that Luckies are the cigarette with taste—the emphatic toasted taste. Try a pack of Luckies today.

# CHANGE TO LUCKIES and get some taste for a change!